

### **DETAILED ACTION**

1. Applicants' amendment filed May 24, 2010 and affidavit filed May 25, 2010 are acknowledged. Claims 1-37, 40 and 51 are deleted. Claims 38, 47, 53, 54, 65 and 77 are amended. Now, Claims 38-39, 41-50 and 52-77 are pending.

#### ***Examiner's Amendment***

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

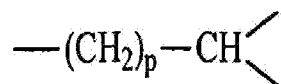
3. Authorization for this examiner's amendment was given in a telephone interview with Mr. Arthur R. Crawford on September 1, 2010.

The application has been amended as follows:

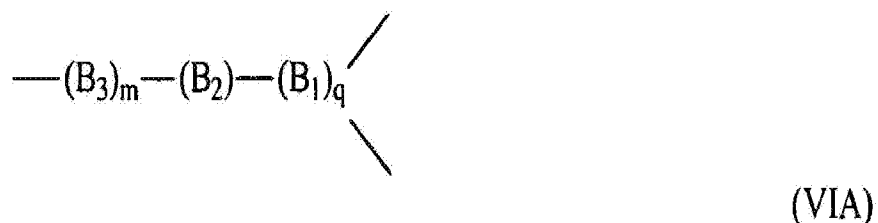
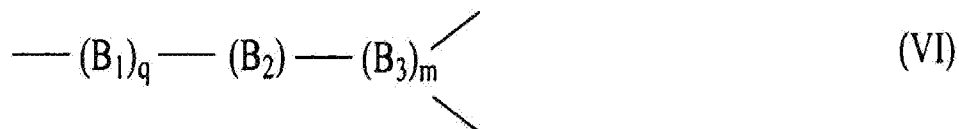
In Claim 77 (1<sup>st</sup> line beneath formula (VII)), replace "wherein s and B are as defined in claim 50" with –

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wherein s is 0, 1, 2, 3 or 4 and B is an aliphatic group of formula



wherein p is an integer of from 0 to 8, or B is a group of formula (VI) or (VIA)



wherein each  $\text{B}_1$  is the same or different and is a  $\text{C}_6\text{-C}_{10}$  aryl, a  $\text{C}_1\text{-C}_8$  alkylene,  $\text{C}_2\text{-C}_8$  alkenylene,  $\text{C}_3\text{-C}_6$  cycloalkyl group or a 5- or 6- membered heterocyclyl group containing 1, 2 or 3 heteroatoms selected from nitrogen, oxygen and sulfur;  $\text{B}_2$  is a 5- to 10-membered heterocyclyl or heteroaryl group containing from 1 to 5 heteroatoms selected from nitrogen, oxygen and sulfur;  $\text{B}_3$  is an aliphatic group; q is 0, 1, 2 or 3; and m is 0 or 1, --

### ***Allowable Subject Matter***

4. Claims 38-39, 41-50 and 52-77 are allowed.
5. The following is an examiner's statement of reasons for allowance:

The present claims are allowable for at least the following reason(s) over the closest references: Hanada (EP 324 946) and Sahatjian (US 2005 0010275)

Hanada discloses a linear polyorganosiloxane-grafted polyurethane. However, Hanada does not teach or fairly suggest the polyurethane backbone containing polycarbonate segments.

Sahatjian discloses a POSS-grafted polyurethane. However, Sahatjian does not teach or fairly suggest the presently claimed molar ratio of the POSS pendant group segments to the polyol backbone segments.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kuo-Liang Peng whose telephone number is (571) 272-1091. The examiner can normally be reached on Monday-Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jim Seidleck, can be reached on (571) 272-1078. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

klp  
September 1, 2010

/Kuo-Liang Peng/  
Primary Examiner, Art Unit 1796